| FORM PTO-1449<br>INFORMATION DISCLOSURE STATEMENT | ATTY DOCKET NO.<br>944-005.017 | SERIAL NO.<br>N/A |
|---|---|---|
| | APPLICANTS: Haifeng Wang et al. | |
| | FILING DATE:<br>Herewith | ART UNIT: N/A |

**UNITED STATES PATENT DOCUMENTS**

| EXAM. INITIAL | | DOCUMENT NUMBER | DATE | INVENTOR/ASSIGNEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

**FOREIGN PATENT DOCUMENTS**

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES/NO |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

**OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

| | | |
|---|---|---|
| /S.P./ | | 3GPP TR25.858 V5.0.0 (2002-3), "High speed downlink packet access: Physical layer aspects (Rel5)". |
| | | 3GPP TR25.101, "UE Radio Transmission and Reception (FDD)". |
| | | S. Verdu, Multiuser Detection: Cambridge University Press, chapters 6.2, 6.4 and 7.3, 1998. |
| | | M. Honig, U. Madhow, and S. Verdu, "Blind adaptive multiuser detection," IEEE Trans. Inform. Theory, vol. 41, pp. 944-960, July 1995. |
| | | X. Wang and V. Poor, "Blind multiuser detection: A subspace approach," IEEE Trans. Inform. Theory, vol. 44, pp. 677-690, Mar. 1998. |
| | | D. Samardzija, N. Mandayam, and I. Seskar, "Nonlinear adaptive blind interference cancellation for DS-CDMA systems," in The IEE Vehicular Technology Conf.e (VTC), Boston, MA, Sept. 2000. |
| | | S. Ulukus and R. Yates, "A blind adaptive decorrelating detector for CDMA systems," IEEE J. Select. Areas Commun., vol. 16, pp. 1530-1541, Oct. 1998. |
| | | U. Madhow, "Blind adaptive interference suppression for direct-sequence CDMA," in Proc. IEEE, Special Issue on Blind Identification and Equalization, Oct. 1998, pp. 2049-2069. |
| | | M.K. Varanasi and B. Aazhang, "Multistage detection for asynchronous code-division multiple-access communications," IEEE Transactions on Communications, COM-38(4), Apr. 1990. |
| | | 3GPP TR25.991: Feasibility study on the mitigation of the effect of the common pilot channel (CPICH) interference at the user equipment, 2002. |
| | | 3GPP R4-01-1232, Motorola, "CPICH Cancellation Complexity." |
| | | M. Heikkila, P. Komulainen, and J. Lilleberg, "Interference Suppression in CDMA Downlink through Adaptive Channel Equalization," VTC99, Sept. 1999. |
| | | M.K. Varanasi and B. Aazhang, "Near-Optimum Detection in Synchronous Code-Division Multiple-Access Systems," IEE Transactions on Communications, vol. 39, pp. 725-736, May 1991. |

| Examiner (To be assigned) /Sudhanshu Pathak/ | Date: 11/21/2007 |
|---|---|